

Attorney Docket No. 0553-0378

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Shunpei YAMAZAKI et al

Serial No.: 10/664,642

Filed: September 19, 2003

Art Unit: 1763

Examiner: Karla A. Moore

For: FABRICATION SYSTEM AND MANUFACTURING
METHOD OF LIGHT EMITTING DEVICE

I hereby certify that this correspondence is
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Commissioner for Patents, P.O. Box 1450,
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Shannon Wallace

Date: December 23 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i) copies of cited US patent and US patent application publications are not submitted herewith. Copies of foreign patent documents and non-patent literature documents are enclosed herewith for the Examiner's consideration.

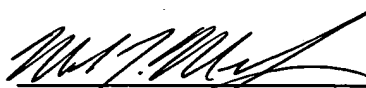
No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

As a RCE is being filed herewith no fee is believed necessary for this IDS. If a fee is required, please charge Deposit Account No. 50/1039.

Respectfully submitted,



Mark J. Murphy
Registration No: 34,225

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LIST OF PUBLICATIONS
CITED BY APPLICANT

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	2,351,536	06/13/44	Osterberg et al	117	107	04/25/41
	3,312,190	04/04/67	Bradshaw	118	49.1	02/25/64
	3,543,717	12/01/70	Adachi	118	7	04/25/68
	3,636,305	01/18/72	Passmore	219	271	03/10/71
	3,756,193	09/04/73	Carmichael et al	118	49.1	05/01/72
	3,931,789	01/13/76	Kakei et al	118	730	04/19/74
	4,023,523	05/17/77	Ing	118	49.1	06/21/76
	4,233,937	11/18/80	Steube	118	727	07/20/78
	4,602,192	07/22/86	Nomura et al	315	169.3	11/27/84
	4,672,265	06/09/87	Eguchi et al	313	504	07/28/85
	4,951,601	08/28/90	Maydan et al	118	719	06/23/89
	5,190,590	03/02/93	Suzuki et al	118	664	04/08/91
	5,534,314	07/09/96	Wadley et al	427	585	08/31/94
	5,844,363	12/01/98	Gu et al	313	506	01/23/97
	5,902,688	05/11/99	Antoniadis et al	428	690	07/16/96
	5,921,836	07/13/99	Nanto et al	445	24	01/27/97
	5,945,967	08/31/99	Rallison et al	345	32	04/21/95
	6,049,167	04/11/00	Onitsuka et al	313	512	02/13/98
	US 2001/ 0022272 A1	09/20/01	Plester et al	204	192.38	04/30/01
	6,340,501 B1	01/22/02	Kamiyama et al	427	255.6	04/05/00
	US 2002/ 0009538 A1	01/24/02	Arai	427	66	05/03/01
	6,403,392 B1	06/11/02	Burrows et al	438	22	11/28/00
	US 2002/ 0081372 A1	06/27/02	Peng	427	64	01/17/01
	6,482,752 B1	11/19/02	Yamazaki et al	438	758	07/24/96
	US 2002/ 0197418 A1	12/26/02	Mizukami et al	427	596	05/31/02
	6,537,607 B1	03/25/03	Swanson	427	66	11/16/00
	US 2003/ 0162314 A1	08/28/03	Yamazaki et al	438	46	02/24/03
	US 2003/ 0194484 A1	10/16/03	Yamazaki et al	427	66	04/09/03
	US 2004/ 0035360 A1	02/26/04	Yamazaki et al	118	715	05/15/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 54-127877	10/04/79	Ricoh Co. Ltd.	X		03/28/78
	DE 28 34 806	02/14/80	Leybold-Heraeus	X		08/09/78
	JP 58-177463	10/18/83	Hitachi Ltd.	X		04/12/82
	JP 60-032361	03/05/85	Tsutiya			08/10/83
	JP 60-121616	06/29/85	Suwa Seikosha KK	X		12/06/83
	JP 63-079959	04/09/88	Anelva Corp.	X		09/20/86
	JP 64-042392	02/14/89	NEC Corp.	X		08/07/87
	JP 02-173261	07/04/90	Komatsu KK	X		12/26/88
	JP 04-116169	04/16/92	Shin Meiwa Ind Co.	X		09/05/90
	JP 05-304197	11/16/93	Hitachi Ltd.	X		04/27/92
	JP 07-192866	07/28/95	Ricoh Co. Ltd.	X		12/26/93
	DE 44 22 697	01/25/96	Zent Sonnenenergie & Wasserstoff- Forsch	X		06/29/94
	JP 09-209127	08/12/97	Idemitsu Kosan Co.	X		02/05/96
	WO 98/54375	12/03/98	Lintek Pty., Ltd.			05/26/98
	JP 10-335062	12/18/98	TDK Corp.		X	05/30/97
	JP 11-229123	08/24/99	Casio Comput Co.	X		02/12/98
	EP 0 955 791	11/10/99	Toray Industries			10/15/97
	JP 2001- 152336	06/05/01	Minolta Co., Ltd.	X		11/22/99
	WO 01/079581	10/25/01	Idemitsu Kosan Co.	X		03/27/01
	JP 2004- 035964	02/05/04	Tokki Corp.		X	07/04/02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

(Include name of author (in CAPITAL LETTERS), title of article or item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages(s), volume-issue number(s), publisher, city and/or country where published).

- 1) TANG, C.W. et al, "Organic Electroluminescent Diodes," Appl. Phys. Lett., vol. 51, no. 12, pp. 913-915, September 21, (1987).
- 2) VAN SLYKE, S.A. et al, "Blue Organic Light Emitting Devices," Proceedings of the Electroluminescence Workshop, pp. 195-200, (1996).
- 3) FUKUDA, Y. et al, "An Organic LED Display Exhibiting Pure RGB Colors," Synthetic Metals, vol. 111-112, pp. 1-6, (2000).
- 4) Definition of "Elongated," Merriam Webster's Collegiate Dictionary, 10th edition, p. 375, (1998).

EXAMINER:

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	2,435,997	02/17/48	Bennett	91	12.2	11/06/43
	4,187,801	02/12/80	Monk	118	729	12/12/77
	4,446,357	05/01/84	Barshter	219	275	10/30/81
	4,592,306	06/03/86	Gallego	118	719	11/30/84
	4,627,989	12/09/86	Feuerstein et al	427	10	08/08/84
	4,769,292	09/06/88	Tang et al	428	690	10/14/87
	4,885,211	12/05/89	Tang et al	428	457	02/11/87
	5,258,325	11/02/93	Spitzer et al	437	86	02/13/92
	5,259,881	11/09/93	Edwards et al	118	719	05/17/91
	5,429,884	07/04/95	Namiki et al	428	690	10/15/92
	6,001,413	12/14/99	Matsuura et al	427	64	03/06/98
	6,132,280	10/17/00	Tanabe et al	445	58	10/27/99
	6,237,529 B1	05/29/01	Spahn	118	726	03/03/00
	US 2001/ 0009154 A1	07/26/01	Nguyen et al	134	1	08/19/98
	6,326,726 B1	12/04/01	Mizutani et al	313	504	02/23/98
	6,432,561 B1	08/13/02	Yamazaki	428	690	07/13/00
	6,469,439 B2	10/22/02	Himeshima et al	313	506	03/20/01
	6,482,852 B2	11/19/02	Shakespeare et al	514	506	05/11/01
	6,495,198 B2	12/17/02	Peng	427	66	01/17/01
	US 2002/ 0197760 A1	12/26/02	Yamazaki et al	438	48	06/07/02
	US 2003/ 0017259 A1	01/23/03	Yamada et al	427	66	06/28/02
	US 2004/ 0040504 A1	03/04/04	Yamazaki et al	118	715	07/14/03
	US 2004/ 0061118 A1	04/01/04	Yamazaki et al	257	79	08/08/03
	US 2004/ 0139984 A1	07/22/04	Yamazaki et al	134	1.1	01/05/04
	6,776,847 B2	08/17/04	Yamazaki et al	118	724	12/12/02
	6,776,880 B1	08/17/04	Yamazaki	204	192.15	07/19/00
	US 2005/ 0005850 A1	01/13/05	Yamazaki	118	719	08/02/04
	US 2005/ 0106322 A1	05/19/05	Yamazaki et al	427	294	08/09/04

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 06-306181	11/01/94	Agency of Ind. Science & Technol.	X		03/12/93
	JP 07-252671	10/03/95	Agency of Ind. Science & Technol.	X		03/09/94
	JP 09-256142	09/30/97	Sony Corp.	X		03/15/96
	JP 10-195639	07/28/98	Ulvac Japan Ltd.	X		01/09/97
	JP 2000- 348859	12/15/00	Chisso Corp.	X		06/03/99
	JP 2001- 357973	12/26/01	Sony Corp.	X		06/15/00
	JP 2002- 025765	01/25/02	Kyushu Matsushita Denki KK	X		07/10/00
	JP 2002- 208480	07/26/02	Inoue	X		01/09/01
	JP 2003- 017258	01/17/03	Sanyo Electric Co. Ltd.	X		06/29/01
	JP 2003- 045649	02/14/03	Kiko Kenji KK Yugenkoshi	X		07/17/01
	JP 2003- 045650	02/14/03	Kiko Kenji KK Yugenkoshi	X		07/17/01
	JP 2003- 115379	04/18/03	Kiko Kenji KK Yugenkoshi	X		09/28/01
	JP 2004- 099942	04/02/04	Kiko Kenji KK Yugenkoshi	X		09/05/02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,512,320	04/30/96	Turner et al	427	255	04/13/94
	5,550,066	08/27/96	Tang et al	437	40	12/14/94
	5,643,685	07/01/97	Torikoshi	428	690	10/19/94
	5,904,961	05/18/99	Tang et al	427	561	01/24/97
	5,906,857	05/25/99	McKee et al	427	8	05/13/97
	6,011,904	01/04/00	Mattord	392	389	06/10/97
	6,132,805	10/17/00	Moslehi	427	248.1	10/20/98
	6,280,861 B1	08/28/01	Hosokawa et al	428	690	01/21/99
	6,296,894 B1	10/02/01	Tanabe et al	427	8	08/11/99
	6,337,105 B1	01/08/02	Kunieda et al	427	248.1	01/11/00
	6,380,081 B1	04/30/02	Lee	438	681	11/20/00
	US 2002/ 0084032 A1	07/04/02	Jeng et al	156	345.31	02/26/02
	US 2002/ 0155632 A1	10/24/02	Yamazaki et al	438	29	02/20/02
	US 2002/ 0192499 A1	12/19/02	Tokailin et al	428	690	03/27/01
	US 2003/ 0024479 A1	02/06/03	Kashiwaya et al	118	726	07/31/02
	6,528,108 B1	03/04/03	Kawamura	427	8	09/25/00
	US 2003/ 0101937 A1	06/05/03	Van Slyke et al	118	726	11/28/01
	US 2003/ 0124764 A1	07/03/03	Yamazaki et al	438	99	12/12/02
	US 2003/ 0180457 A1	09/25/03	Murakami et al	427	237	02/03/03
	6,633,121 B2	10/14/03	Eida et al	313	504	01/23/01
	6,641,674 B2	11/04/03	Peng	118	727	05/31/02
	6,649,210 B2	11/18/03	Tokailin et al	427	66	11/02/01
	US 2003/ 0219530 A1	11/27/03	Yamazaki et al	427	66	02/21/03
	6,660,409 B1	12/09/03	Komatsu et al	428	690	09/12/00
	US 2004/ 0035366 A1	02/26/04	Keum et al	118	726	07/16/03
	US 2004/ 0096694 A1	05/20/04	Tokailin et al	428	690	06/30/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 10-041069	02/13/98	Toray Ind. Inc.		X	03/27/97
	JP 10-168559	06/23/98	Ulvac Japan Ltd.		X	12/06/96
	JP 2003- 002778	01/08/03	Intl. Mfg. & Eng. Serv. Co. Ltd.	X		06/26/01
	JP 2003- 034591	02/07/03	Nippon Biitec KK	X		07/19/01
	JP 2003- 095787	04/03/03	Nippon Biitec KK	X		09/25/01

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	3,971,334	07/27/76	Pundsack	118	5	03/04/75
	4,225,805	07/29/80	Smithgall et al	313	481	12/22/78
	4,405,487	09/20/83	Harrah et al	252	194	04/29/82
	4,543,467	09/24/85	Eisele et al	219	271	10/25/83
	5,310,410	05/10/94	Begin et al	29	25.01	12/13/91
	5,670,792	09/23/97	Utsugi et al	257	59	10/12/94
	5,701,055	12/23/97	Nagayama et al	313	504	03/12/96
	5,935,395	08/10/99	Ouellet et al	204	298.07	06/20/96
	5,943,600	08/24/99	Ngan et al	438	653	03/31/97
	5,972,183	10/26/99	Krueger et al	204	298.07	09/01/95
	6,023,308	02/08/00	Takemura	349	42	11/26/97
	6,124,215	09/26/00	Zheng	438	760	10/06/97
	6,149,392	11/21/00	Conte	417	51	10/07/98
	6,299,746 B1	10/09/01	Conte et al	204	298.07	12/22/98
	6,319,321 B1	11/20/01	Hiraga et al	118	666	01/20/98
	6,333,065 B1	12/25/01	Arai et al	427	66	07/17/98
	US 2002/ 0187265 A1	12/12/02	Mori et al	427	282	05/21/02

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